

All work done according to standard protocols unless otherwise indicated

July, 2014

Wednesday, 9th

- Lamp2B Synthesis resuspended and transformed into competent DH5a

Thursday, 10th

- Lamp2b plates picked

Friday, 11th

- Lamp2b cultures miniprepped and glycerol stocked
- Digests for Lamp2b and Clover assembly and RNA-OUT into pSB1C3 (overnight digests)

Saturday, 12th

- Digests ran on gel
- Digests gel extracted, nanodropped, and ligated overnight

Sunday, 13th

- Overnight ligations transformed

Monday, 14th

- *Plates of last night's ligation did not grow, changing ligation ratio to 4:1
- Lamp2b, clover, Digested, gel extracted and ligated today

Tuesday, 15th

- Ligation transformed

Wednesday, 16th

- P1010 rehydrated from kit plate and transformed into DH5a, ligations plates grew (Lamp2b-Clover and RNA-out pSB1C3) – miniprepped, digested, gelled, no good – start Lamp2b, Clover, RNA-out and Jo4450 from glycerol stock

Thursday, 17th

- P1010 plates did not grow, miniprepped overnight cultures, minipreps digested for assembly overnight

Friday, 18th

- Digests ran on gel, bands good, gel extracted and ligations set up.

Saturday, 19th

- Ligations transformed, p1010 rehydration retransformed.

Sunday, 20th

- All plates grew, picked colonies and grown overnight.

Monday, 21st

- Cultures miniprep and digested for confirmation. Some worked for ligations, all p1010 were good, sequencing set up, cultures glycerol stocked

Thursday, 24th

- RTH mutagenesis to add S32-RNA-IN to the B0034 RBS, phosphorylated primers, PCR ran

Friday, 25th

- 5ul PCR saved, the rest had 1ul DpnI added and digested for 3 hours. Gel ran. See band at full plasmid size, ligation to recircularize set up

Saturday, 26th

- S32-b0034 ligation transformed. Attempted K112808 RNA-IN mutagenesis (QC) didn't work

Sunday, 27th

- RVG-HIS swap mutagenesis, phosphorylate primers, PCR reaction, gel and DpnI started, 1/10 dilution of lamp2b-clover transformed into rosetta2 DE3 cells

Tuesday, 29th

- TEV synthesis rehydrated and transformed. K112808 plates grew, picked and grown overnight

Wednesday, 30th

- TEV plates grew, picked and grown overnight, K112808 confirmation gel, some were good, successful looking preps sent for sequencing

Thursday, 31st

- TEV miniprep, digested and confirmed as good.